Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Monday 01 Feb 2021 until 23:59 on Tuesday 02 Feb 2021

Forecast Issued on Sunday 31 Jan 2021 at 11:26

Confidence: High for Monday then for unsettled conditions from Tuesday with sleet or snow at times but Low confidence for details, especially snow heights. There is uncertainty in the positions of fronts over the UK and boundary between milder air to the SW and cold air to the NE.

Headline for Monday 01 Feb 2021: Dry and cold with winds easing.

Mountain weather hazards on Monday 01 Feb 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Partly cloudy (night)	Sunny intervals	Sunny intervals	Sunny intervals	Cloudy	Cloudy
Precipitation probability							
<05%	20%	20%	<05%	<05%	<05%	<05%	10%

Forecast for Monday 01 Feb 2021

Weather: Mainly dry overnight with widespread frost but a few snow flurries across the south for time, these clearing by dawn. A dry and cold day with bright or sunny spells but high cloud will obscure the sun at times. Thicker cloud in the evening but staying dry.

Chance of cloud free mountain/hill tops above 600m: Generally 95%, but 30% in the south overnight.

Visibility: Patchy low cloud above 300m across the south of the Peak District overnight. No issues expected during daylight hours with very good visibility at all levels.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Monday 01 Feb 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	20/29 E	18/27 E	15/25 E	13/22 E	11/18 E	9/15 E	12/19 SE	17/26 SE	20/31 SE
300	13/22 NE	12/21 NE	10/18 NE	7/14 E	7/13 E	6/11 E	7/15 SE	11/20 SE	16/27 SE
Valley	15/30 E	14/29 E	11/24 E	9/19 E	7/14 E	7/12 E	6/13 E	7/17 SE	11/24 SE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-3/-10	-3/-10	-3/-9	-2/-8	-1/-6	-0/-5	-1/-7	-2/-8	-1/-8
300	-0/-6	-0/-5	-0/-5	0/-4	2/-1	2/-0	1/-3	1/-4	1/-4
Valley	0/-6	0/-5	0/-5	0/-4	3/-0	3/0	1/-2	1/-2	2/-3
Freezing Level*	100m	100m	100m	100m	200m	300m	300m	300m	300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

The cold conditions will continue with fair weather during daytime. Gusts of 40mph over Kinder and Bleaklow early in the morning but winds easing.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Sun 31 Jan 2021	0mm	1mm	13.4mm

Forecast for Tuesday 02 Feb 2021

Weather: A rapid deterioration in conditions by the morning. Heavy snow in the morning over high ground but turning to rain at all levels in the afternoon. Rain easing for a while in the afternoon then some heavy bursts developing again in the evening.

Maximum wind: East or Southeast 30-35mph gusts 45mph at first, easing to South 15-20mph through the morning.

Chance of cloud free mountain/hill tops above 600m: Effectively nil in morning, but 40% for a while in afternoon.

Visibility: Very poor at most elevations in the morning with extensive cloud down to 200 or 300m. Some improvement in the afternoon with cloud lifting but lowering again in the evening.

Temperature: **Valleys:** Plus 2C rising to 6C.
At 600m: Minus 2C rising to Plus 2C in afternoon.
Freezing level: 300m, rising above summits in afternoon

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